

Amendment to the Claims

1-6. (Cancelled)

7. (New) An amplifier comprising:

a Doherty-type amplifier section including a line portion and a first substrate forming at least part of the Doherty-type amplifier section; and

a second substrate disposed close to the first substrate, wherein the first substrate has a high permittivity in relation to the permittivity of the second substrate, and

the line portion, which forms a part of the Doherty-type amplifier section, is formed of a substrate that is physically stable against at least one of a change in humidity and temperature.

8. (New) An amplifier comprising:

a Doherty-type amplifier section including at least one quarter wavelength line, wherein a permittivity of a substrate forming the at least one quarter wavelength line included in the Doherty-type amplifier section is higher in comparison with a permittivity of a substrate disposed near the substrate forming the at least one quarter wavelength line.

9. (New) An amplifier comprising:

a Doherty-type amplifier section including a substrate, wherein a permittivity of the substrate of the Doherty-type amplifier section is higher relative to a permittivity of another substrate disposed near the substrate of the Doherty-type amplifier section.

10. (New) An amplifier comprising:

a Doherty-type amplifier section including a carrier amplifier, wherein only a line portion forming an output circuit of the carrier amplifier of the Doherty-type amplifier section is formed with a substrate material that is physically stable against at least one of a change in humidity and a change in temperature.

11. (New) The amplifier as claimed in claim 10, wherein the physically stable substrate material is a ceramic material, and the remaining Doherty-type amplifier section is comprised of a substrate material comprising glass epoxy.

12. (New) An amplifier comprising:

a Doherty-type amplifier section including a peak amplifier, wherein only a line portion, forming an input circuit of the peak amplifier included in the Doherty-type amplifier section, is formed of a substrate material that is physically stable against at least one of a change in humidity and temperature.

13. (New) The amplifier as claimed in claim 12, wherein the physically stable substrate material is a ceramic material, and the remaining Doherty-type amplifier section is comprised of a substrate material comprising glass epoxy.

14. (New) An amplifier comprising:

a Doherty-type amplifier section comprising a peak amplifier, a carrier amplifier and a line portion forming a combination circuit that combines an output from the carrier amplifier of the Doherty-type amplifier section with an output from the peak amplifier, wherein only the line portion is comprised of a substrate material that is physically stable against at least one of a change in humidity and temperature.

15. (New) The amplifier as claimed in claim 14, wherein the physically stable substrate material is a ceramic material, and the remaining Doherty-type amplifier section is comprised of a substrate material comprising glass epoxy.